

# Costliest U.S. Tropical Cyclones

NOAA's National Centers for Environmental Information (NCEI) in consultation with the National Hurricane Center (NHC) has updated this listing of costliest tropical cyclones to strike the United States. This listing was previously found in the NOAA memorandum The Deadliest, Costliest and Most Intense U.S. Tropical Cyclones, at <https://www.nhc.noaa.gov/pdf/nws-nhc-6.pdf>

For all United States hurricanes, Hurricane Katrina (2005, \$180.0B\*) is the costliest storm on record. Hurricane Harvey (2017, \$143.8B\*) ranks second, Hurricane Maria (2017, \$103.5B\*) ranks third, Hurricane Sandy (2012, \$80.0B\*) ranks fourth, and Hurricane Ida (2021, \$76.5B\*) ranks fifth.

The NCEI data set provides more loss information than previous damage figures used by NHC, including agriculture, individual payouts, and disaster money from the federal government to the respective states. In performing these disaster cost assessments, NCEI examined statistics from a wide variety of sources. Using the latest scientific methodology, it determined the estimated total costs of these events - that is, the costs in terms of dollars that would not have been incurred had the event not taken place. Insured and uninsured losses are included in damage estimates. Sources include the National Weather Service, the Federal Emergency Management Agency, U.S. Department of Agriculture, U.S. Army Corps of Engineers, individual state emergency management agencies, state and regional climate centers, media reports, and insurance industry estimates.

For more information visit <https://www.ncei.noaa.gov/access/monitoring/billions/>

*\*values based on the 2022 Consumer Price Index adjusted cost*



Costliest tropical cyclones to impact the United States (cost values are based on the 2022 Consumer Price Index adjusted cost)

Tropical Cyclone	Year	Category	Adjusted Costs
Andrew	1992	5	\$54.3B
Camille	1969	5	\$11.0B
Michael	2018	5	\$28.0B
Maria	2017	4	\$103.5B
Ida	2021	4	\$76.5B
Irma	2017	4	\$57.5B
Harvey	2017	4	\$143.8B
Donna	1960	4	\$3.7B
Iniki	1992	4	\$6.2B
Laura	2020	4	\$25.3B
Charley	2004	4	\$24.0B
Hugo	1989	4	\$20.4B
Long Island Express	1938	3	\$6.2B
Opal	1995	3	\$8.7B
Alicia	1983	3	\$8.5B
Frederick	1979	3	\$6.7B
Katrina	2005	3	\$180.0B
Great Atlantic Hurricane	1944	3	\$5.6B
Fran	1996	3	\$9.0B
Dennis	2005	3	\$3.6B
Elena	1985	3	\$3.4B
Carol	1954	3	\$4.9B
Celia	1970	3	\$6.8B
Ivan	2004	3	\$30.5B
Jeanne	2004	3	\$11.2B
Wilma	2005	3	\$27.0B
Betsy	1965	3	\$12.8B
Rita	2005	3	\$26.5B
Ike	2008	2	\$39.0B
Floyd	1999	2	\$11.0B
Delta	2020	2	\$3.1B
Marilyn	1995	2	\$3.9B
Zeta	2020	2	\$4.7B
Georges	1998	2	\$10.4B
Bob	1991	2	\$3.1B
Gustav	2008	2	\$7.7B
Sally	2020	2	\$7.9B
Isabel	2003	2	\$8.4B
Frances	2004	2	\$14.6B
Sandy	2012	1	\$80.0B
Isaac	2012	1	\$3.4B
Matthew	2016	1	\$11.7B
Juan	1985	1	\$3.9B
Diane	1955	1	\$8.8B
Irene	2011	1	\$16.9B
Agnes	1972	1	\$14.3B
Florence	2018	1	\$26.9B

Tropical Cyclone	Year	Category	Adjusted Costs
Lee	2011	TS	\$3.1B
Allison	2001	TS	\$13.5B
Imelda	2019	TS	\$5.5B
Isaias	2020	1	\$5.2B

*Last Updated: April 8, 2022*



Tropical cyclones impacting the United States that resulted in at least \$1 billion of damage costs at the time they occurred

Tropical Cyclone	Year	Category	Unadjusted Costs
Andrew	1992	5	\$27.0B
Camille	1969	5	\$1.4B
Michael	2018	5	\$25.0B
Maria	2017	4	\$90.0B
Ida	2021	4	\$73.6B
Irma	2017	4	\$50.0B
Harvey	2017	4	\$125.0B
Iniki	1992	4	\$3.1B
Laura	2020	4	\$23.2B
Charley	2004	4	\$16.0B
Hugo	1989	4	\$9.0B
Opal	1995	3	\$4.7B
Alicia	1983	3	\$3.0B
Frederick	1979	3	\$1.7B
Katrina	2005	3	\$125.0B
Fran	1996	3	\$5.0B
Dennis	2005	3	\$2.5B
Elena	1985	3	\$1.3B
Bonnie	1998	3	\$1.0B
Ivan	2004	3	\$20.5B
Jeanne	2004	3	\$7.5B
Wilma	2005	3	\$19.0B
Betsy	1965	3	\$1.4B
Rita	2005	3	\$18.5B
Ike	2008	2	\$30.0B
Floyd	1999	2	\$6.5B
Delta	2020	2	\$2.9B
Marilyn	1995	2	\$2.1B
Zeta	2020	2	\$4.4B
Georges	1998	2	\$6.0B
Bob	1991	2	\$1.5B
Gustav	2008	2	\$6.0B
Sally	2020	2	\$7.3B
Isabel	2003	2	\$5.5B
Dolly	2008	2	\$1.3B
Frances	2004	2	\$9.8B
Lili	2002	1	\$1.1B
Dorian	2019	1	\$1.6B
Sandy	2012	1	\$65.0B
Hanna	2020	1	\$1.1B
Isaac	2012	1	\$2.8B
Matthew	2016	1	\$10.0B
Juan	1985	1	\$1.5B
Irene	2011	1	\$13.5B
Agnes	1972	1	\$2.1B
Florence	2018	1	\$24.0B
Lee	2011	TS	\$2.5B

Tropical Cyclone	Year	Category	Unadjusted Costs
Fred	2021	TS	\$1.3B
Elsa	2021	TS	\$1.2B
Allison	2001	TS	\$8.5B
Eta	2020	TS	\$1.5B
Isidore	2002	TS	\$1.2B
Imelda	2019	TS	\$5.0B
Alberto	1994	TS	\$1.0B
Isaias	2020	1	\$4.8B
Nicholas	2021	1	\$1.0B

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